

Anti-Bax (active monomer) [6A7] Standard Size Ab00120-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 6A7

Alternative Name(s) of Target: Bcl-2-like protein 4; Apoptosis regulator BAX; Bcl-2-like protein 4; Bcl2-L-4

UniProt Accession Number of Target Protein: Q07812

Published Application(s): IP, WB, IHC

Published Species Reactivity: Rat, Human, Mouse

Immunogen: KLH conjugated to peptides corresponding to amino acids 3-16 of murine Bax (CGSGEQLGSGGPTSS), amino acids 3-16 of human Bax (CGSGEQPRGGGPTSS), and amino acids 12-24 shared by Bax from both species (CGPTSSEQIMKTGA).

Specificity: In the presence of nonionic detergent, the antibody avidly binds the monomeric form of Bax, but not Bax complexed with either Bcl-XL or Bcl-2. [6A7] Bax antibody only recognizes conformationally changed active Bax.

Application Notes:

Antibody First Published in: Hsu YT, Youle RJ. Nonionic detergents induce dimerization among members of the Bcl-2 family. J Biol Chem. 1997 May 23;272(21):13829-34. [PMID:9153240](#)

Note on publication: Describes the making of the species-independent Bax monoclonal antibodies, shows it recognised monomeric form of Bax, and analysed by immunoprecipitation followed by immunoblotting.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.